

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:
T. SHOJI et al.

Appln. No.: PCT/JP01/05127

Filed: Concurrently herewith

Attorney Dkt. No.: 108384-00038

For: PROCESS FOR PRODUCING OXIDE-DISPERSION ENHANCED PLATINUM
MATERIAL

PRELIMINARY AMENDMENT

Commissioner for Patents
Washington, D.C. 20231

December 31, 2001

Sir:

Prior to [calculation of the filing fees and] initial examination of the application,
please amend the above-identified application as follows:

IN THE TITLE:

Please change the title from PROCESS FOR PRODUCING OXIDE-DISPERSION
ENHANCED PLATINUM MATERIAL to **PROCESS FOR PRODUCING OXIDE-
DISPERSION STRENGTHENED PLATINUM MATERIAL**

IN THE CLAIMS:

3. (Amended) The process for producing an oxide-dispersion strengthened
platinum according to claim 1 wherein a zirconium nitrate solution is added to the
platinum suspension; the suspension is heated to boiling while being stirred; an urea
solution is added to the suspension is further kept boiling for a certain period; and then
heating stopped.

4. (Amended) The process for producing an oxide-dispersion strengthened platinum material according to claim 1 wherein a zirconium nitrate solution and an urea solution are added to a platinum suspension; the suspension is kept 80°C or higher while being stirred to adjust the suspension to a predetermined pH; the suspension is further kept 80°C or higher for a certain period; and then heating is stopped.

5. (Amended) The process for producing an oxide-dispersion strengthened platinum material according to claim 1, wherein pH is adjusted to 4.5 to 11.0.

6. (Amended) The process for producing an oxide-dispersion strengthened platinum material according to claim 1 wherein the platinum used for preparing the platinum suspension are powders with particle size of 0.05 to 10 μm .

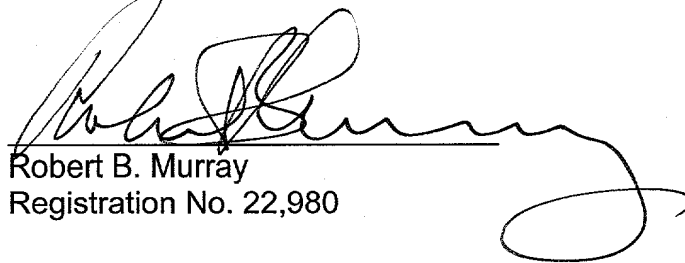
7. (Amended) The process for producing an oxide-dispersion strengthened platinum material according to claim 1 wherein sintering is conducted at 1000 to 1400°C.

8. (Amended) The process for producing an oxide-dispersion strengthened platinum material according to claim 1 wherein forging is conducted after heating at 1100 to 1400°C.

REMARKS

Claims 1-8 are pending in this application. By this Amendment, claims 3, 4, 5, 6, 7 and 8 are amended to correct the multiple dependency thereof and to place this application into better condition for examination. No new matter is added.

Respectfully submitted,



Robert B. Murray
Registration No. 22,980

ARENT FOX KINTNER PLOTKIN & KAHN, PLLC
1050 Connecticut Avenue, N.W.,
Suite 400
Washington, D.C. 20036-5339
Tel: (202) 857-6000
Fax: (202) 638-4810
RBM/aam